

Claims

1. A method for the production of a rim, particularly for a bicycle,

using a machining device for working a welding burr of the rim;

wherein the machining device comprises a first machining means that works
an outer contour of the rim,

and wherein the machining device comprises a second machining means
that works an inner contour of the rim and that has an outer diameter that is
less than the width of the rim well;

the method comprising the following steps:
 - i) moving the first machining means in the plane of the contact surface
of the rim along the outer contour in order to work the outer contour;
 - ii) moving the second machining means essentially in the plane of the
contact surface of the rim along the inner contour in order to work the
inner contour, the rim being pivoted around an axis by a predefined
angular range.
2. The method according to Claim 1, characterized in that
the first machining means for working the outer contour has a working
diameter area that is radially enlarged in such a way that essentially the
entire outer contour of the rim can be worked without a need for reposi-
tioning.

3. The method according to Claim 1 or 2, characterized in that the angular range around which the pivoting takes place is smaller than 5°.
4. The method according to at least one of Claims 1 to 3, characterized in that a disk milling cutter is used as the first machining means.
5. The method according to at least one of Claims 1 to 4, characterized in that an end milling cutter is used as the second machining means.
6. The method according to at least one of Claims 1 to 5, characterized in that, near the working head, the second machining means has an area with a smaller diameter.
7. The method according to at least one of Claims 1 to 6, characterized in that at least one machining means comprises at least one cutting means that is selected from a group of cutting means comprising carbide cutting plates and diamond plates and the like.

8. The method according to at least one of Claims 1 to 7, characterized in that the process steps i) and ii) are carried out essentially at least partially simultaneously.
9. The method according to at least one of Claims 1 to 7, characterized in that the process steps i) and ii) are carried out essentially consecutively.
10. A rim, particularly for a bicycle, with a rim base, a rim well and rim flanges;

the rim base having a flat depression along the circumference in the area of the weld seam,

the flat depression in the rim base having the shape of a segment of a circle in at least one place.
11. The rim according to Claim 10, characterized in that the weld seam on the inner and outer contours was worked by means of a method according to at least one of Claims 1 to 9.